

WHAT IS CLAIMED IS:

1. A triple bottom structure of a cooking utensil,
comprising:

5 a main body forming the interior of the cooking utensil
for containing food;

10 a stiffening plate attached to an entire bottom surface
of the main body so as to be extended to the edge of a side
surface of the main body, and provided with a plurality of
through holes formed therethrough; and

15 a heat transfer plate interposed between a bottom surface
of the main body and the bottom surface of the stiffening plate
for transferring heat from the outside to the inside of the
cooking utensil,

20 wherein the heat transfer plate and the main body are
pressed against each other and then attached to each other so
that the heat transfer plate is partially inserted into the
through holes.

25 2. The triple bottom structure as set forth in claim 1,
wherein the parts of the heat transfer plate exposed to the
outside via the through holes are at the same level as the
bottom surface of the stiffening plate.

30 3. A method for manufacturing a triple bottom structure

of a cooking utensil, comprising the steps of;

(a) cutting and processing a main body and a heat transfer plate of the cooking utensil;

5 (b) piercing a stiffening plate of the cooking utensil so that a plurality of through holes are formed through the stiffening plate;

(c) sequentially attaching and welding the main body, the heat transfer plate and the stiffening plate;

10 (d) pressing the main body, the heat transfer plate and the stiffening plate under designated temperature and pressure; and

(e) annealing the cooking utensil at room temperature.

4. The method as set forth in claim 3,

15 wherein in the step (d) the heat transfer plate is softened and inserted into the through holes of the stiffening plate.

5. The method as set forth in claim 3,

20 wherein in the step (d) the main body, the heat transfer plate and the stiffening plate are heated to a temperature range of 400°C to 500°C, and pressed at a pressure of 1,000 ton/cm² to 1,300 ton/cm².